

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (Amended) A process for the production of a fibrous protein, comprising [the following steps]:

- (a) [expression of] expressing a precursor fibrous protein in a plant cell[,]; and
- (b) [incubation of] incubating the precursor fibrous protein with a protein processing it.

2. (Amended) The process [according to claim] of Claim 1, wherein [the] said processing protein is expressed in a plant cell.

3. (Amended) The process [according to claim] of Claim 2, wherein [the] said precursor fibrous protein and the protein processing [it] said precursor protein are expressed in different plant cells.

4. (Amended) The process [according to claim] of Claim 2, wherein [the] said precursor fibrous protein and the protein processing [it] said precursor fibrous protein are expressed in the same plant cell.

5. (Amended) The process [according to any one of claims] of Claim 1 [to], 2, 3, or 4, wherein [the] said plant cell is available [in the form] as part of a plant.

6. (Amended) The process [according to any one of claims] of Claim 1 [to 5], 2, 3 or 4, wherein [the] said precursor fibrous protein is a procollagen or a derivative and fragment thereof[, respectively].

7. (Amended) The process [according to any one of claims] of Claim 1 [to 5], 2, 3, or 4, wherein [the] said precursor fibrous protein is a tropoelastin or a derivative and fragment thereof[, respectively].

8. (Amended) The process [according to any one of claims] of Claim 1 [to 6], 2, 3, or 4, wherein [the] said fibrous protein is a collagen or a derivative and fragment thereof[, respectively].

9. (Amended) The process [according to any one of claims] of Claim 1 [to 5 and 7], 2, 3, or 4, wherein [the] said fibrous protein is an elastin or a derivative and fragment thereof[, respectively].

10. (Amended) The process [according to any one of claims] of Claim 1 [to 9], 2, 3, or 4, wherein the protein processing precursor fibrous protein is a lysine oxidase.

11. (Amended) A plant cell[,] expressing a precursor fibrous protein and a protein processing [it] said precursor fibrous protein.

12. (Amended) The plant cell [according to claim] of Claim 11, wherein [the] said plant cell is [available in the form] part of a multiplication material.

13. (Amended) The plant cell [according to claim] of Claim 11, wherein [the] said plant cell is present [in the form] as part of a plant.

14. (Amended) [The] A plant cell[,] expressing a protein processing precursor fibrous protein.

15. (Amended) The plant cell [according to claim] of Claim 14, wherein [the] said plant cell is available [in the form] as part of a multiplication material.

16. (Amended) The plant cell [according to claim] of Claim 14, wherein [the] said plant cell is available [in the form] as part of a plant.

17. (Amended) [Use of the plant cell according to any one of claims 11 to 16] A method for the production of a fibrous protein, comprising expressing a precursor fibrous protein and a protein processing said precursor fibrous protein in a plant cell.

18. (Amended) [The] A fibrous protein[,] produced [according to] by the process [as defined in any one of claims] of Claim 1 [to 10] , 2, 3, or 4.

19. (Amended) The fibrous protein [according to claim] of Claim 18, wherein [the] said fibrous protein is a collagen or a derivative and fragment thereof[, respectively].

20. (Amended) The fibrous protein [according to claim] of Claim 18, wherein [the] said fibrous protein is an elastin or a derivative and fragment thereof[, respectively].